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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
POLLUTION REPORT

DATE: NOVEMBER 19, 1994

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

D.DIETRICH-ATTN: E. WATKINS, USEPA, OSWER, WASH. D.C.....(E-MAIL)
R.KARL-ATTN: DON BRUCE, USEPA, OSF, EERB, CHICAGO, IL.....(E-MAIL)
J.CISNEROS-ATTN: L.BEASELY, USEPA, ESS, EERB, CHICAGO, IL.(E-MAIL)
M.McCUE-ATTN: USEPA OFFICE OF PUBLIC AFFAIRS, CHICAGO, IL.(E-MAIL)
T.KRUEGER-ATTN: B.WARNING, USEPA, ORC, CHICAGO, IL..... (E-MAIL)
DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C.....(US-MAIL)
L.ROBERTSON, CITY of CHICAGO, DEPT. of ENVIRONMENT.....(VIA-FAX)
M.RETZLAFF, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY....(VIA-FAX)
CHICAGO FIRE DEPARTMENT.....(VIA-FAX)

SUBJECT: DAVID CHEMICAL SITE, REMOVAL ACTION, CHICAGO, IL

LATITUDE: 41°51'30" LONGITUDE: 87°46'30"

POLREP NO.: 4

SITE ID NO.: XG DELIVERY ORDER NO. : 5001-05-356

RESPONSE AUTHORITY: CERCLA NPL STATUS: NON-NPL

START DATE: OCTOBER 18, 1994

COMPLETION DATE:

1. SITUATION:

- A. Removal activities continue at this former chemical warehouse. Chemical identification of all drums and small containers completed. A total of 767 samples have been characterized to date, and waste categories have been consolidated from 17 to 13 groups. Current drum count stands at 623.
- B. Site has remained secure. SDI providing 24 hr. armed guard service. Security awareness has been heightened after prolonged gunfire was heard near site on 11/5.
- C. Weather: Temperatures have ranged from the lower 60's to the mid 40's with mostly sunny skies and little precipitation throughout the week. Generally dry weather conditions has allowed puddled water within the building to gradually subside in certain areas. However, the standing water that remains continues to make working difficult and has increased the potential for an accidental release of the rapidly deteriorating drums.
- D. Preparing site for Thanksgiving Day demobe. Security to remain 24 hours/day.

2. ACTIONS TAKEN:

- A. Representative samples of the chromic acid waste stream shipped to Dynecol, Envirite, and U.S. Filter for disposal approval/bids on 11/12.
- B. Bulking of drums/containers continues. During bulking of the acid liquid waste stream it was determined that most of the

drums in this group contained large volumes of non-pumpable solids. These solids are being removed from the drums and consolidated into new poly drums. Representative composite samples have been prepared for the acid liquid and base solids waste streams. Samples submitted to an analytical laboratory for disposal analyses on 11/15. Results received 11/18 indicated the base solids were non-hazardous based on pH, flashpoint, reactivity, and TCLP metals and organics. The acid liquid group exhibited a pH of 1.36 and contained elevated levels of total chromium and lead.

- C. Disposal acceptance of the hazardous debris rolloff box currently staged on-site was received 11/17. The box will be shipped to Chem Met Services, Inc., in Wyandotte, MI. This disposal acceptance is specific to the single rolloff box currently on-site.
 - D. TAT providing daily air monitoring for %LEL, O₂, CN⁻, and, CO vapors on a periodic basis during sampling activities. No readings above background levels were observed during daily air monitoring.
 - E. ERCS crew completed sampling of all identified drums on 11/16. Hazcattting of all samples was completed by the TAT on 11/17. All containers have been placed into a waste category. Volumes calculated for each waste stream are as follows: acid liquids - 2,849 gallons; aluminum paste - 2,300 gallons; base solids - 4,832 gallons (24 cubic yards); caustic liquids - 1,514 gallons; chromic acid - 4,720 gallons; cyanide liquids - 55 gallons; cyanide solids - 20 gallons; flammable/organic liquids - 2,300 gallons; flammable/organic solids - 828 gallons; and nickel liquids - 172 gallons. No final volume for acid solids will be known until all drums from drums containing acid liquids are opened and solids consolidated. Chromic acid solid volume will be determined when all empty chromic acid drums are cut open and their solids consolidated. Base/neutral liquids waste stream is being added to continually by decon water; total of 3,500 gallons have been generated to date. TAT began consolidating hazcatted samples into assigned waste streams on 11/18.
 - F. ERCS continued consolidation of hazardous and nonhazardous debris. Hazardous debris currently staged within the building, as the rolloff box is full. Non-hazardous debris was placed in a rolloff box and transported to a local sanitary landfill on 11/16.
 - G. ERCS T&D coordinator arranging bids from disposal facilities for the acid liquids/solids, base solids, and cyanide solids.
 - H. On 11/16, 34 1-gallon containers of a fluorinated, teflon paint product found on-site were shipped back to the manufacturer, Acheson Colloids Company, in Port Huron, MI.
 - I. Identified solid material in deteriorating bags bulked into cubic yard haz waste shipping boxes to prevent release of materials and prepare for T & D.
3. PLANS:
- A. Complete bulk testing analyses for remaining waste streams. Continue consolidating drummed material for identified waste streams as bulk testing is completed. Procure bulk containers for remaining waste streams.
 - B. Ship rolloff box containing hazardous debris to Chem Met Services, Inc., in Wyandotte, MI, on 11/28.

- C. RES T&D coordinator continues arranging for analysis and disposal of identified waste streams.
- D. Continue open lines of communication with local City and State officials.
- E. Site personnel to demobe on Tuesday 11/22, for the Thanksgiving Day holiday week. SDI security to provide 24 hr guard service during demobe. Work to resume on Monday 11/28.

4. KEY ISSUES:

- A. High and gusting winds have severely damaged tarpaulins placed on the roof to reduce rainwater leakage onto containers and work operations within the building.
- B. On November 18, 1994, The Office of Regional Counsel Attorney met with PRP representatives to discuss conducting cleanup activities under a proposed AOC. Negotiations were favorable and continue.

5. COSTS:

- A. Case open;
- B. Costs through 11/17/94;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCE	\$ 540,000	\$ 154,311.04	\$ 385,688.96
TAT	108,000	41,606.33	66,393.67
USEPA-DIR	29,700	8,010.00	21,690.00
USEPA-INDR	54,900	16,264.20	38,635.80
TOTALS	\$ 732,600	\$ 220,191.57	\$ 512,408.43

END